

CLAIMS:

1. A method of coding a video signal according to a predefined standard, wherein in a given operation mode some of the tools provided by the predefined standard are disabled, and wherein an identification of the disabled tools is included in the bit-stream, the disabled tools being one or more out of the group of:

5 - bidirectional predictive coding of pictures or picture parts
- use of a de-blocking filter
- use of more than one reference picture.

2. A method as claimed in claim 1, wherein the given operation mode is a

10 profile.

3. A method as claimed in claim 2, wherein the profile is used to code high definition video content such as a high definition movie.

15 4. A method as claimed in any of the preceding claims, wherein bidirectionally predictively coded pictures and/or slices are disabled, wherein the de-blocking filter is disabled, wherein at least one of the block sizes for inter prediction which are smaller than 8x8 pixels is excluded and wherein the the number of reference pictures to be used for prediction is constrained to one.

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5. A method as claimed in claim 4, wherein all block sizes for inter prediction which are smaller than 8x8 pixels are excluded.

25 6. A method as claimed in any of the preceding claims, wherein the coding uses no rate-distortion optimization.

7. A method as claimed in any of the preceding claims, wherein adaptive block size transforms are used.

8. A method as claimed in any of the preceding claims, wherein the group of picture length is fixed to 12.

9. A method as claimed in any of the preceding claims, wherein the coding is 5 performed in conformance with the H.264 standard.

10. An encoder comprising

means for coding a video signal according to a predefined standard, wherein in a given operation mode some of the tools provided by the predefined standard are disabled,

10 means for including an identification of the disabled tools in the bit-stream, the disabled tools being one or more out of the group of:

- bidirectional predictive coding of pictures or picture parts
- use of a de-blocking filter
- use of more than one reference picture.

15 11. A coded bit-stream representing a video signal, the bit-stream including an identification of disabled tools, which disabled tools were disabled in the coding of the coded bit-stream, the disabled tools being one or more out of the group of:

- bidirectional predictive coding of pictures or picture parts
- use of a de-blocking filter
- use of more than one reference picture.

12. A record carrier having stored thereon a coded bit-stream as claimed in claim 11.

25 13. A decoder for decoding a coded bit-stream as claimed in claim 11, wherein the decoder is in conformance with a predefined standard except that it is constraint by not providing the disabled tools.